

**FIG. 1**

201

$$[Ad] \times [Rk] = [Tk]$$

203

202

FIG. 2

301

$$\begin{matrix} d=3 \\ \begin{bmatrix} a_{11} & a_{12} & a_{1d} \\ a_{21} & a_{22} & a_{2d} \\ a_{31} & a_{32} & a_{3d} \\ a_{n1} & a_{n2} & a_{nd} \end{bmatrix} \end{matrix}$$

302

$\times$

$$\begin{matrix} k=2 \\ \begin{bmatrix} r_{11} & r_{1k} \\ r_{21} & r_{2k} \\ r_{d1} & r_{dk} \end{bmatrix} \end{matrix}$$

303

$=$

$$\begin{matrix} n=4 \\ \begin{bmatrix} t_{11} & t_{1k} \\ t_{21} & t_{2k} \\ t_{31} & t_{3k} \\ t_{n1} & t_{nk} \end{bmatrix} \end{matrix}$$

303

$$t_{11} = a_{11}r_{11} + a_{12}r_{21} + \dots + a_{1d}r_{d1}$$
$$t_{1k} = a_{11}r_{1k} + a_{12}r_{2k} + \dots + a_{1d}r_{dk}$$
$$t_{21} = a_{21}r_{11} + a_{22}r_{21} + \dots + a_{2d}r_{d1}$$
$$t_{2k} = a_{21}r_{1k} + a_{22}r_{2k} + \dots + a_{2d}r_{dk}$$
$$t_{31} = a_{31}r_{11} + a_{32}r_{21} + \dots + a_{3d}r_{d1}$$
$$t_{3k} = a_{31}r_{1k} + a_{32}r_{2k} + \dots + a_{3d}r_{dk}$$
$$t_{n1} = a_{n1}r_{11} + a_{n2}r_{21} + \dots + a_{nd}r_{d1}$$
$$t_{nk} = a_{n1}r_{1k} + a_{n2}r_{2k} + \dots + a_{nd}r_{dk}$$

304

FIG. 3





$$\begin{matrix}
 n=3 & d=6 & & k=3 \\
 \begin{bmatrix} 5 & 7 & 3 & 2 & 4 & 6 \\ 1 & 4 & 9 & 7 & 2 & 8 \\ 2 & 5 & 6 & 3 & 7 & 4 \end{bmatrix} & \times & \begin{bmatrix} 1 & 1 & 1 \\ 1 & 1 & 1 \\ 1 & 1 & 1 \\ -1 & -1 & -1 \\ -1 & -1 & -1 \\ -1 & -1 & -1 \end{bmatrix} & = & \begin{matrix} \text{602} \end{matrix}
 \end{matrix}$$

601

$$\begin{matrix}
 \begin{bmatrix} 5+ & 7+ & 3+ & -2+ & -4+ & -6 \\ 1+ & 4+ & 9+ & -7+ & -2+ & -8 \\ 2+ & 5+ & 6+ & -3+ & -7+ & -4 \end{bmatrix} & \begin{matrix} \text{604} \end{matrix} & \begin{matrix} 5+ & 7+ & 3+ & -2+ & -4+ & -6 \\ 1+ & 4+ & 9+ & -7+ & -2+ & -8 \\ 2+ & 5+ & 6+ & -3+ & -7+ & -4 \end{matrix} & \begin{matrix} \text{603} \end{matrix} & \begin{matrix} n=3 \\ \begin{bmatrix} 3 & 3 & 3 \\ -3 & -3 & -3 \\ -1 & -1 & -1 \end{bmatrix} \end{matrix}
 \end{matrix}$$

FIG. 6

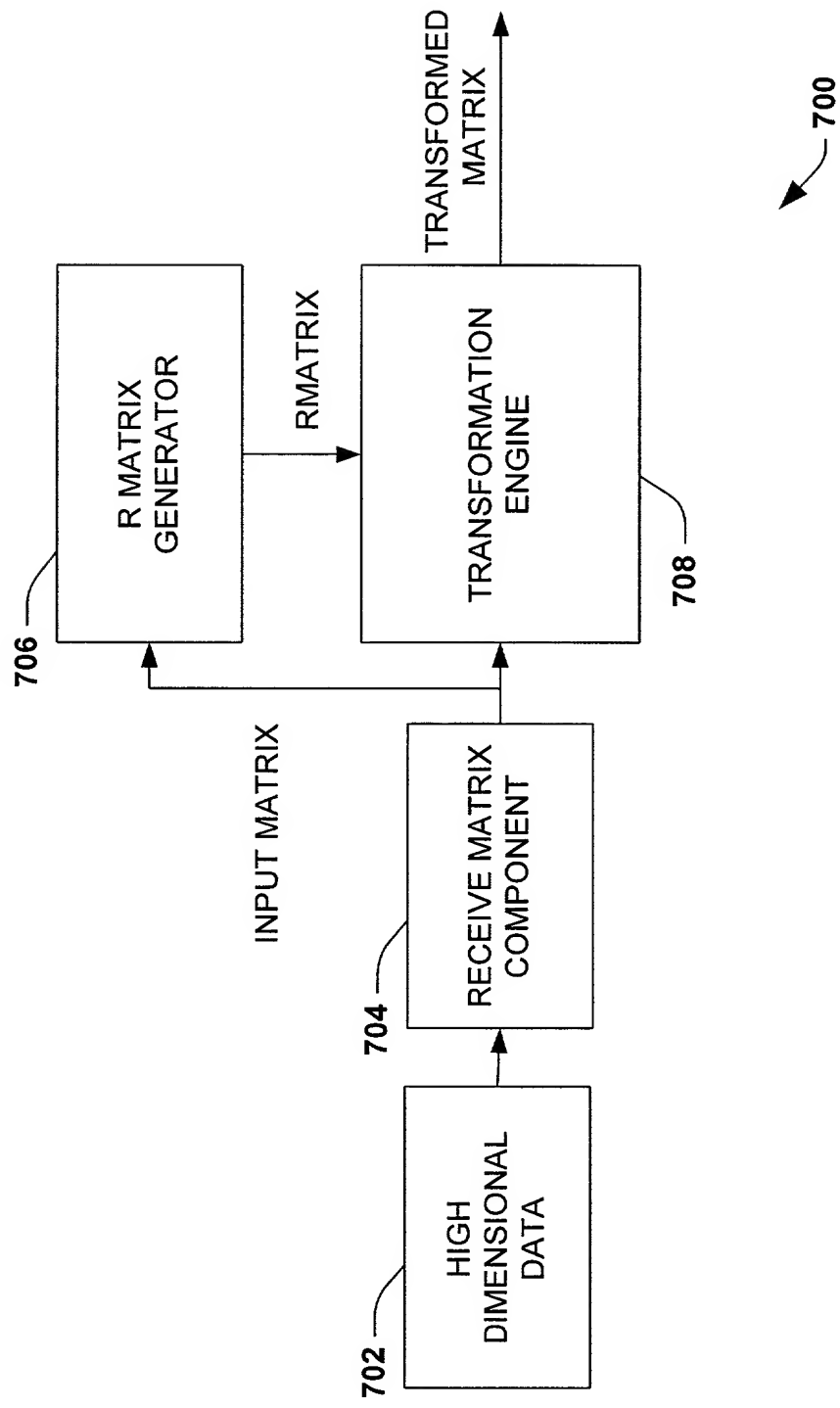


FIG. 7

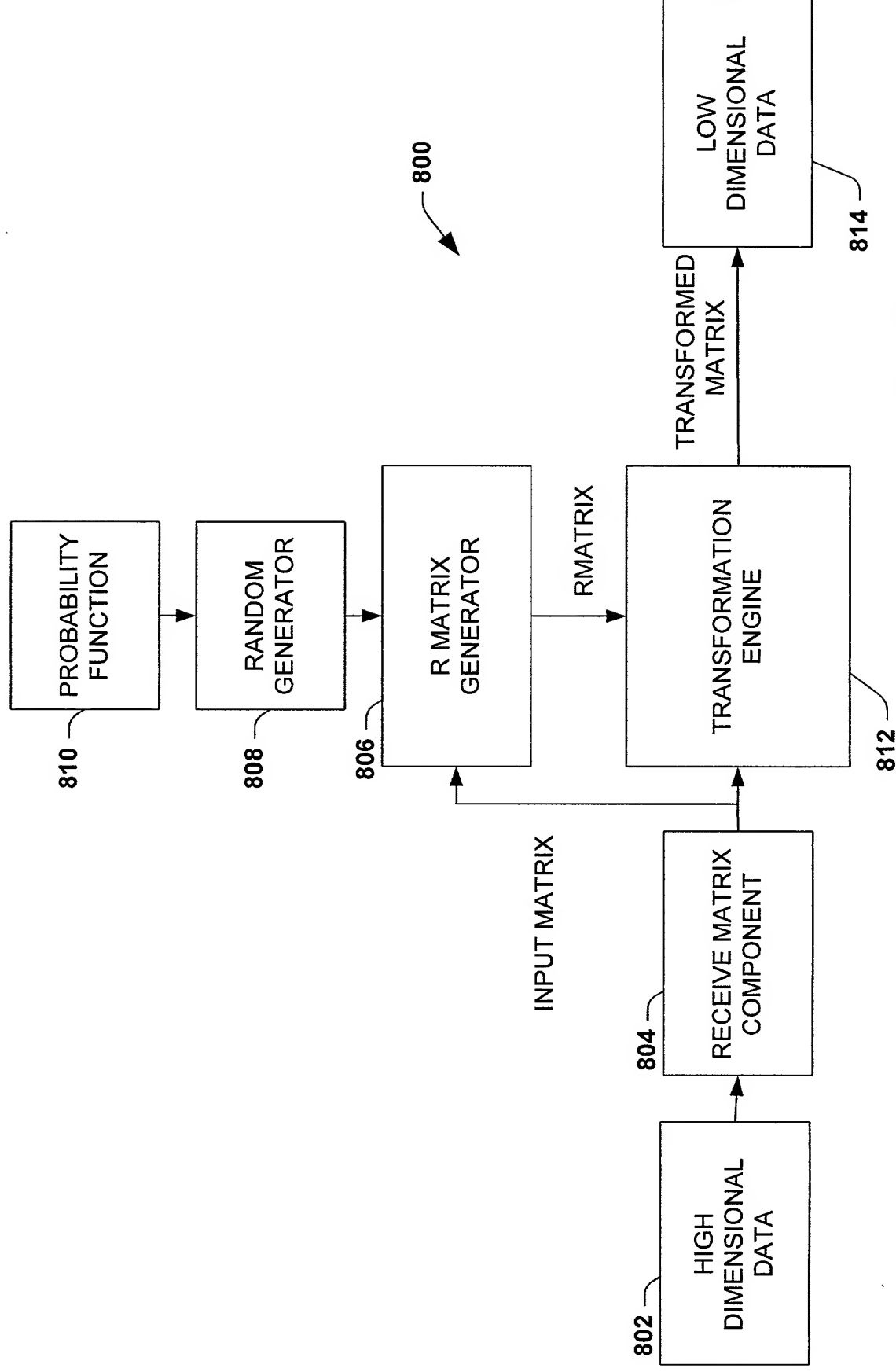
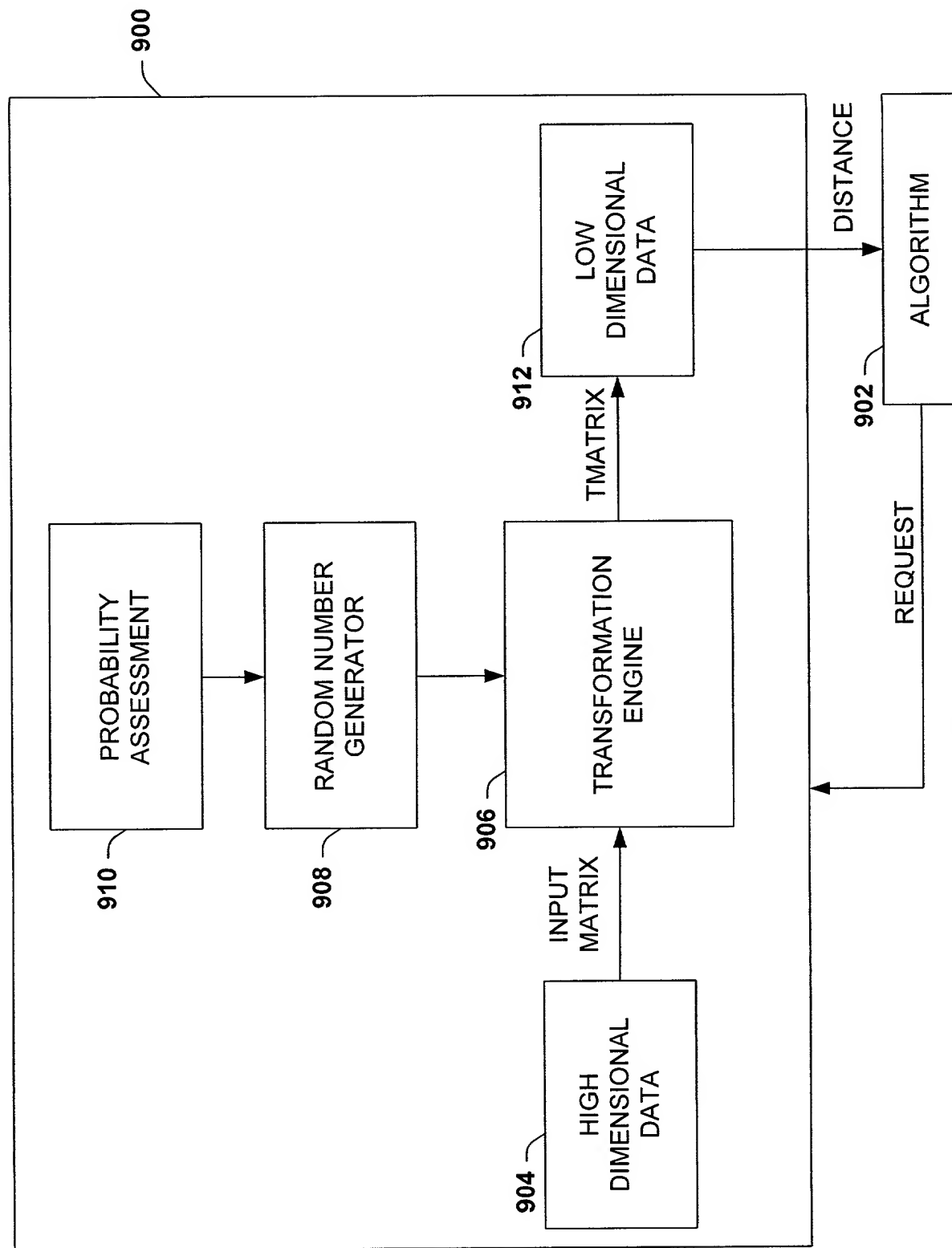


FIG. 8



**FIG. 9**



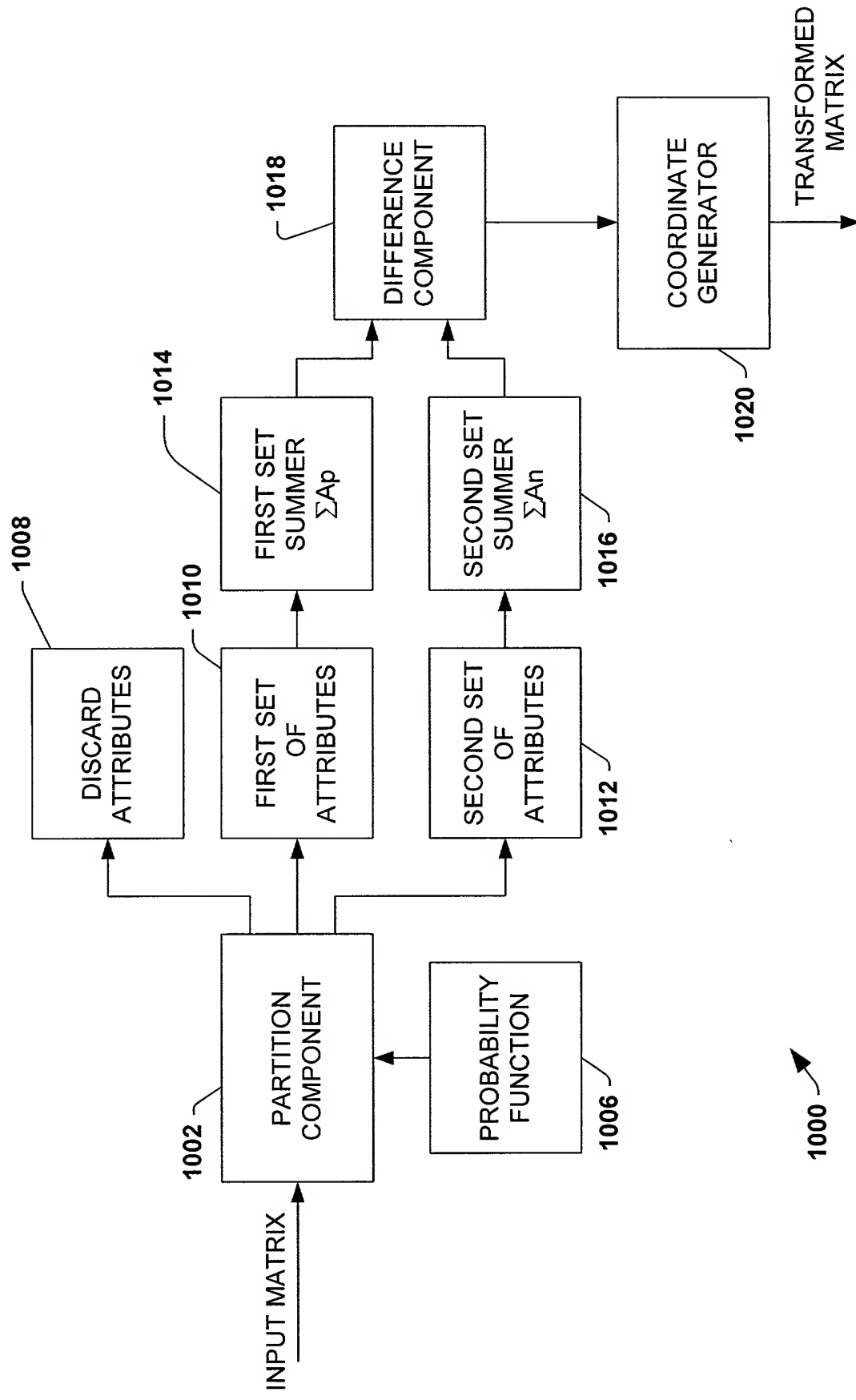
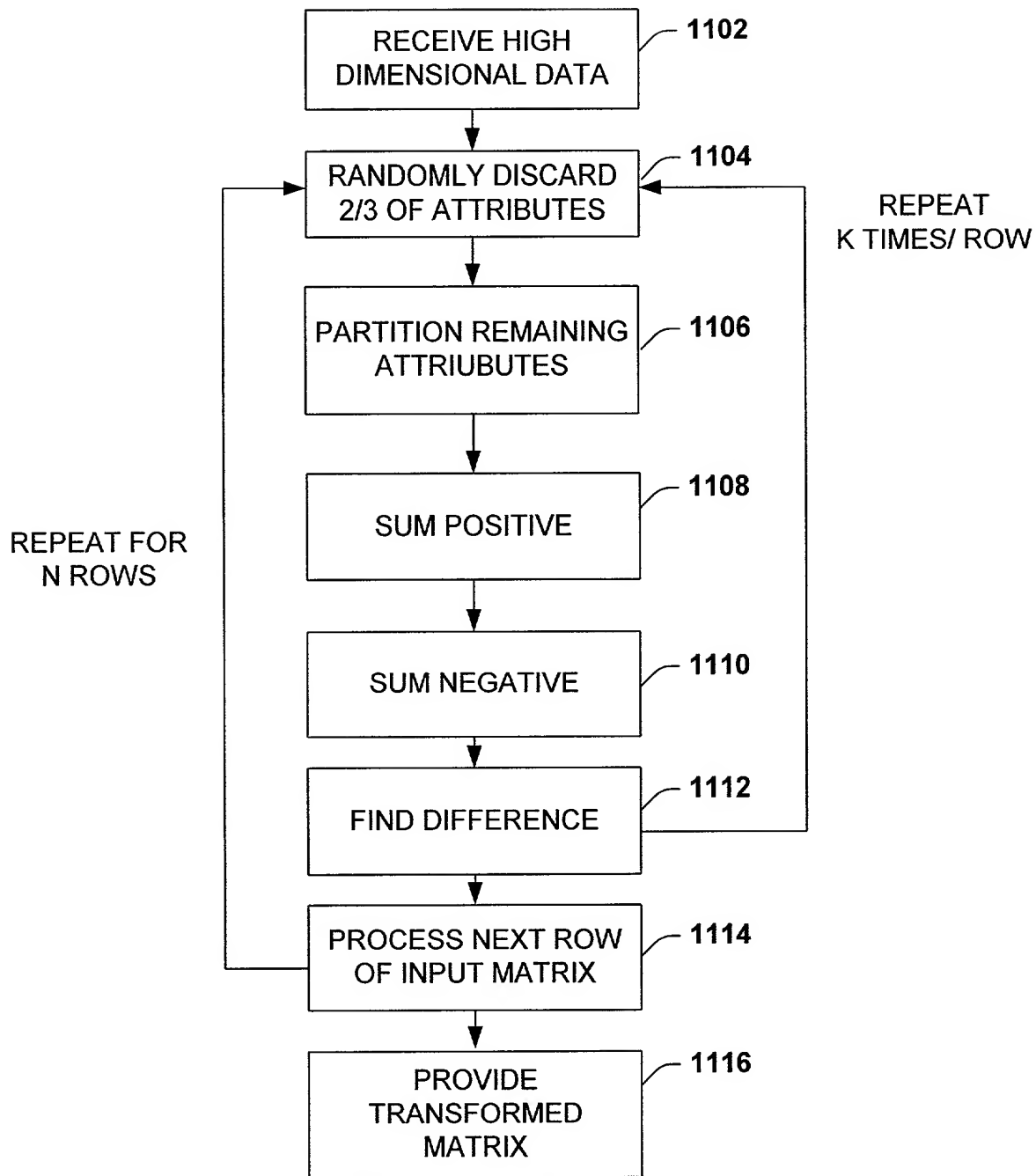


FIG. 10



**FIG. 11**

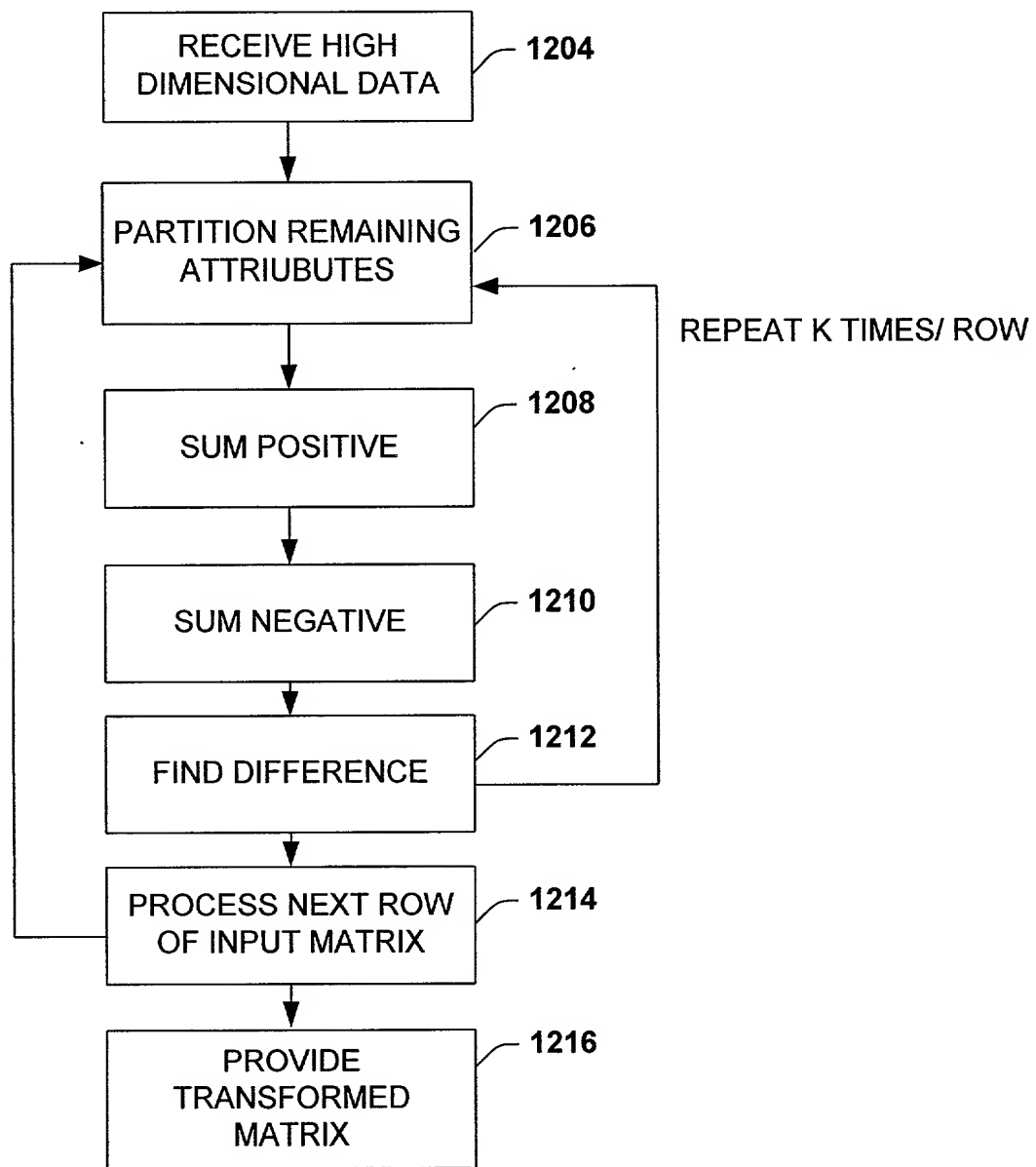


FIG. 12

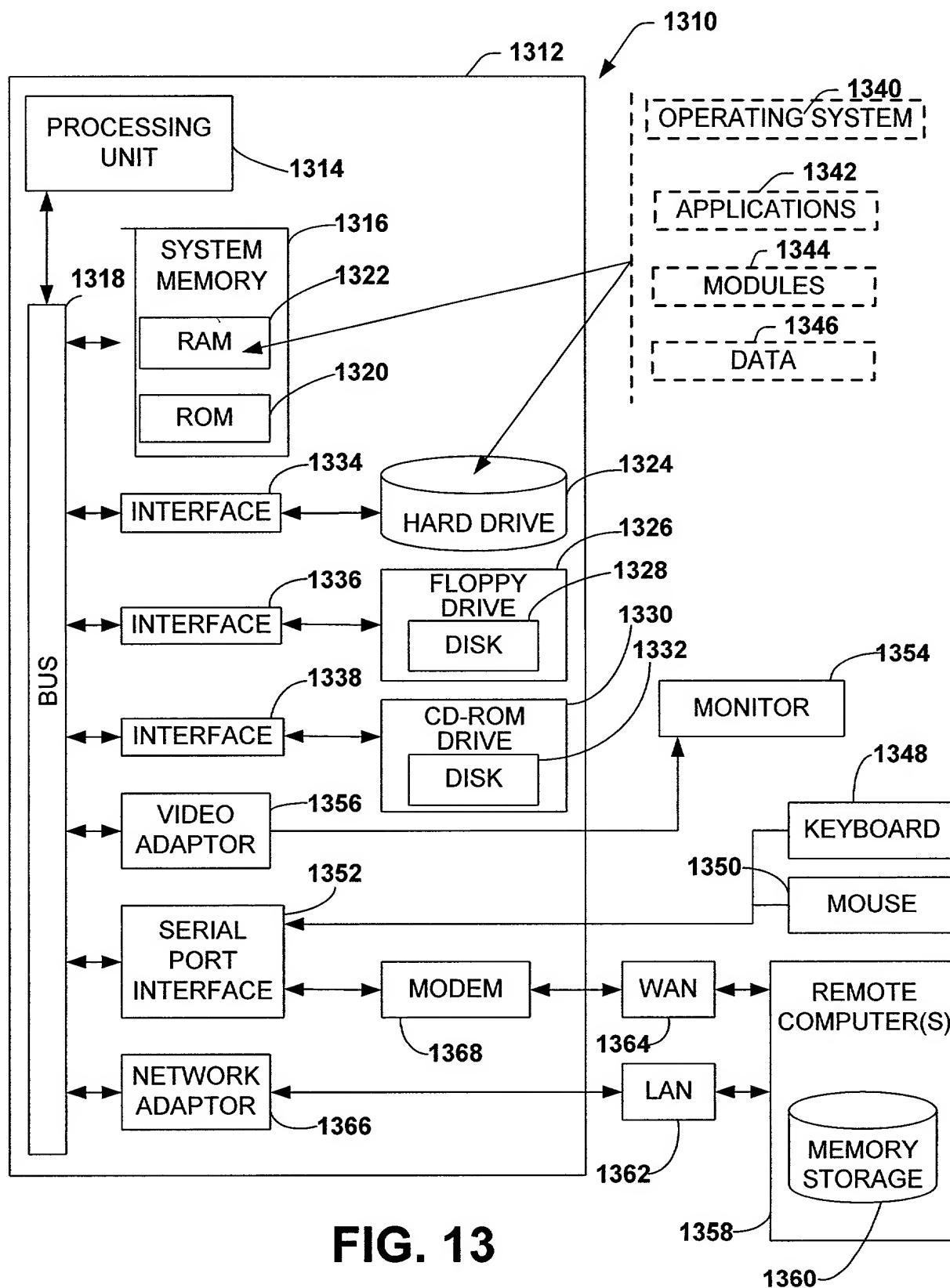


FIG. 13

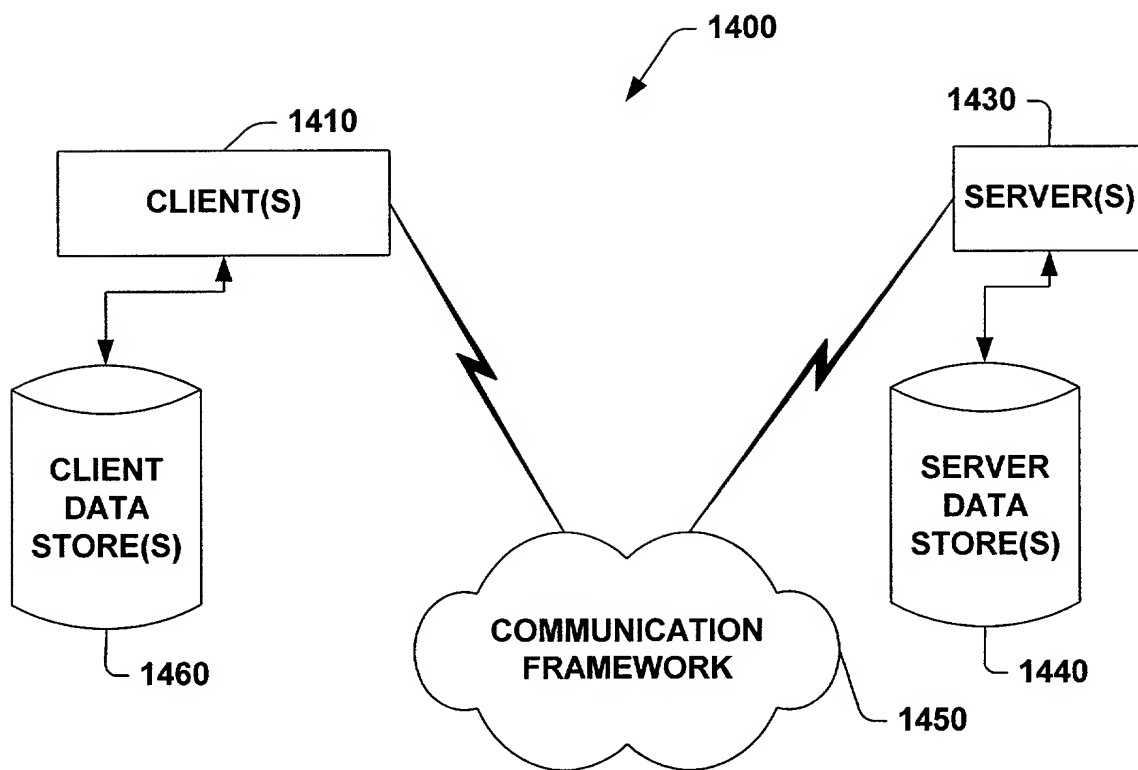


FIG. 14